



PTO/SB/21 (04-04)

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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	09/767809-Conf. #3730	
	Filing Date	January 23, 2001	
	First Named Inventor	Philip BRAICA	
	Art Unit	2621	
	Examiner Name	P. Tran	
Total Number of Pages in This Submission		Attorney Docket Number	OAQ-021

**ENCLOSURES (Check all that apply)**

<input type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment/Reply  <input type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/ Incomplete Application  <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC)  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) (please Identify below):  Supplemental Response to Restriction Requirement and Return Receipt Postcard
<b>RECEIVED</b>  AUG 30 2004  Technology Center 2600		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual name	LAHIVE & COCKFIELD, LLP Kevin J. Canning - 35,470
Signature	
Date	August 20, 2004

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EL 982 742 284 US, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

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(Kevin J. Canning)

Docket No.: OAQ-021  
(PATENT)

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Philip Braica

Application No.: 09/767809

Confirmation No.: 3730

Filed: January 23, 2001

Art Unit: 2621

For: EDGE DETECTION AND SHARPENING  
PROCESS FOR AN IMAGE

Examiner: P. Tran

**SUPPLEMENTAL RESPONSE TO RESTRICTION REQUIREMENT**

Mail Stop Amendment  
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Technology Center 2600

Dear Sir:

In response to the restriction requirement set forth in the Office Communication mailed July 28, 2004 (Paper No. 6), Applicant hereby provisionally elects the species of claim 1 for continued examination, with traverse.

The Examiner has required restriction between three separate groups of allegedly patentably distinct species of the claimed invention as follows:

- i. Species of claim 1, which requires sharpening a detected edge
- ii. Species of claims 11, 16, which require applying a filter to an image at a detected edge, wherein said filter adjust the intensity of pixel values near an edge; and
- iii. Species of claim 20, which defining a window of pixels within an image, and shifting the window in a linear direction.